

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\  
 Data File : BN005319.D  
 Acq On : 26 Apr 2019 17:01  
 Operator : JU/SJ  
 Sample : K2402-10ME  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAHJOME

Manual Integrations  
 APPROVED

Sohil  
 4/29/2019 1:43:17 PM

Quant Time: Apr 26 23:12:35 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 25 03:19:34 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 381091   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 1600828  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 991720   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.98 | 188  | 2270921  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.22 | 240  | 2177686  | 20.00 | ng/ul | -0.01    |
| 85) Perylene-d12          | 23.41 | 264  | 2103241  | 20.00 | ng/ul | -0.03    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 20515   | 2.60  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.78  | 99  | 462853  | 15.46 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67  | 293869  | 15.74 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 375760  | 16.40 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 356454  | 15.24 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 205801  | 20.89 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 221505  | 22.18 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 390120  | 17.04 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 559152  | 23.68 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 1301423 | 18.08 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 1617702 | 18.30 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.43 | 143 | 192970  | 16.98 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.23 | 176 | 1131355 | 18.73 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 139990  | 13.71 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.08 | 188 | 1832052 | 19.24 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.39 | 212 | 2105044 | 18.90 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264 | 1780754 | 19.37 | ng/ul | -0.03 |

## Target Compounds

|                                |       |     |           |         | Ovalue    |
|--------------------------------|-------|-----|-----------|---------|-----------|
| 28) Naphthalene                | 10.41 | 128 | 24961674m | 335.417 | ng/ul     |
| 34) 2-Methylnaphthalene        | 12.04 | 142 | 19046623  | 349.536 | ng/ul 95  |
| 40) 1,1'-Biphenyl              | 13.06 | 154 | 1944492   | 26.315  | ng/ul 99  |
| 47) Acenaphthylene             | 13.95 | 152 | 8634145   | 99.363  | ng/ul# 96 |
| 49) Acenaphthene               | 14.29 | 153 | 711720    | 11.998  | ng/ul 98  |
| 53) Dibenzofuran               | 14.63 | 168 | 859892    | 10.068  | ng/ul 98  |
| 58) Fluorene                   | 15.29 | 166 | 4021056   | 60.334  | ng/ul 99  |
| 69) Phenanthrene               | 17.03 | 178 | 15100405m | 136.535 | ng/ul     |
| 71) Anthracene                 | 17.12 | 178 | 4063485   | 36.067  | ng/ul 99  |
| 74) Carbazole                  | 17.39 | 167 | 153463    | 1.586   | ng/ul 94  |
| 76) Fluoranthene               | 19.06 | 202 | 4267738   | 34.789  | ng/ul 99  |
| 79) Pyrene                     | 19.43 | 202 | 6444748   | 45.964  | ng/ul 98  |
| 82) Benzo(a)anthracene         | 21.20 | 228 | 2488364m  | 18.368  | ng/ul     |
| 83) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 133746    | 1.565   | ng/ul 99  |
| 84) Chrysene                   | 21.25 | 228 | 2020663   | 16.071  | ng/ul 98  |
| 87) Benzo(b)fluoranthene       | 22.76 | 252 | 1154542   | 9.765   | ng/ul 99  |
| 88) Benzo(k)fluoranthene       | 22.80 | 252 | 356232m   | 3.155   | ng/ul     |
| 90) Benzo(a)pyrene             | 23.32 | 252 | 1305562   | 11.748  | ng/ul 98  |
| 91) Indeno(1,2,3-cd)pyrene     | 25.59 | 276 | 409464    | 3.333   | ng/ul 96  |
| 92) Dibenz(a,h)anthracene      | 25.60 | 278 | 142567    | 1.367   | ng/ul 97  |
| 93) Benzo(a,h,i)perylene       | 26.26 | 276 | 230675    | 2.271   | ng/ul 94  |

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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